

Levee System Integrity Program Long-Term Goals

DRAFT

1. *A) Rehabilitate Delta Levees To A Uniform Standard Such As PL 99. (Base Level Protection Plan)*
B) Implement Special Improvement Projects Over And Above Base Level Protection Plan.
C) Integrate Levee Improvements With Ecoystem Restoration
2. *Develop Levee Maintenance Funding Strategy*
3. *Reduce On Levee Habitat Mitigation Requirements & Dredging Limitations; Improve Site Access*
4. *Implement Subsidence Control And Restoration BMP's*
5. *Improve Existing Emergency Response System*
6. *Quantify Seismic Risk And Take Appropriate Action*

Levee System Integrity Program Tasks to Accomplish Goals

DRAFT

12/04/97

Goal # 1A, B, & C:

Rehabilitate Delta Levees to a uniform standard. The PL84-99 standard is the current goal. Integrate levee rehabilitation and ecosystem restoration. In addition, prioritize levees to receive additional funding through the Special Improvement Projects Program.

Tasks:

1. *Develop a plan for organizational structure to coordinate stabilization, maintenance, and emergency management of delta levees. (use legislation, JPA, or existing entity such as the Delta Protection Commission, The Reclamation Board, etc.). Begin with refining the existing system. (Aug. '98)*
2. *Gather existing survey data for all delta levees. (Dec. '98)*
3. *Develop a data management system which will generate cost estimates for rehabilitating Delta levees to the various levee standards using existing survey data. (June '98)*
4. *Generate various cost sharing scenarios and apply them to the cost estimates by island and RD or other potential local cost sharing partner. (June '98)*
5. *Start local outreach program to obtain input for formulation of levee reconstruction legislation. Get feedback from locals on which levee standard they will support. (Ongoing)*
6. *Develop model legislation which provides funding for Levee Reconstruction to a uniform standard and for special improvement projects. Start with existing legislation such as SB 34, SB 1065, and AB 360 (August '98)*
7. *Present Cost Estimates, Draft Legislation, and results of Local Outreach Program to Management Team and Policy Group for Policy Decision on which Levee Standard we should put forth and guidance on Legislation. (June '98)*
8. *Discuss Policy Decisions with Local Interests. (Ongoing)*
9. *Routinely report to PCT, Management Team, Policy Group, and BDAC on Program Status. (Ongoing)*

Estimate of CALFED staff time: 1.0 PY

Estimate of Consultant \$ now through October 1, 1998 : \$

Levee System Integrity Program Tasks to Accomplish Goals

DRAFT

12/04/97

Goal #2:

Develop Levee Maintenance Funding Strategy

Task:

1. *Develop a plan for organizational structure to coordinate the stabilization, maintenance, and emergency management of delta levees. (use legislation, JPA, or existing entity such as the Delta Protection Commission, The Reclamation Board, etc.). Begin with refining the existing system. (Aug. '98)*
2. *Review existing levee maintenance standards and determine whether changes are needed. Coordinate with the PCT, Reclamation Board and local interests.*
3. *Develop a levee maintenance cost estimate by island and RD for all Delta Levees (Project and non-Project levees). Use historical levee maintenance expenditure data.*
4. *Develop model legislation which provides long-term funding for delta levee maintenance independent of State fiscal constraints. (August '98)*
5. *Routinely report to PCT, Management Team, Policy Group, and BDAC on Program Status.*

Estimate of CALFED staff time: 1.0 PY

Estimate of Consultant \$ now through October 1, 1998 : \$

Levee System Integrity Program Tasks to Accomplish Goals

DRAFT

12/04/97

Goal #3:

Reduce On Levee Habitat Mitigation Requirements & Dredging Limitations; Improve Site Access

Tasks:

- 1. Develop an effective strategy to address habitat mitigation requirements for maintenance activities on levees. (June '98)*
- 2. Educate all Delta beneficial users and Regulatory Agencies that Delta levee integrity is the foundation of all Delta beneficial uses and therefore of paramount importance and can not be compromised by any Delta beneficial user or Regulatory Agency. (June '98)*
- 3. Work with Regulatory Agencies (Frank Wernette of DFG & others) to promote research and develop effective procedures to streamline the permitting process for Delta dredging which will assure a balance between environmental protection and meeting Delta dredging needs in a expeditious and cost effective manner. (June '98)*
- 4. Investigate site access on all Delta islands. Quantify the scope of the problem. Work with locals to determine cost effective ways to improve site access. Include maps in the Emergency Response Plan which show site access routes. (June '98)*

Estimate of CALFED staff time: 0.5 PY

Estimate of Consultant \$ now through October 1, 1998 : \$

Levee System Integrity Program Tasks to Accomplish Goals

12/04/97

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Goal #4:

Implement Subsidence Control and Restoration BMP's

Tasks:

1. *Locate areas within the Delta where subsidence is jeopardizing levee integrity. Classify the degree of jeopardy.*
2. *Work with local Delta interests and CALFED Technical Teams to develop cost effective subsidence control measures.*
3. *Develop a priority system for funding subsidence control. Priority will be based on the degree of levee jeopardy.*
4. *Draft legislation which provides long-term funding for subsidence control measures independent of State fiscal constraints.*

Estimate of staff time: 0.5 PY

Estimate of Consultant \$ now through February 1, 1998 : \$

Goal #5:

Identify Improvements in the Existing Emergency Response System

Tasks:

1. *Assist in the development of a single regional authority to coordinate stabilization, maintenance, and emergency management of Delta levees.*
2. *Attend ongoing emergency management meetings.*
3. *Incorporate emergency management protocol developed in the emergency Management meetings into the Delta Emergency Management Response System.*

Estimate of CALFED staff time: 0.4 PY

Estimate of Consultant \$ now through October 1, 1998 : \$

Levee System Integrity Program Tasks to Accomplish Goals

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12/04/97

Goal #6:

Quantify Seismic Risk

Tasks:

1. *DWR is currently investigating the risk of levee failure due to seismic loading. They will prepare a report of their findings which will be included as an appendix in the in the Long-Term Levee Protection Plan. Lynn O'Leary will attend the seismic susceptibility sub-team meetings to provide input and monitor progress.*

Estimate of CALFED staff time: 0.1 PY

Estimate of Consultant \$ now through October 1, 1998 : \$

Levee System Integrity Program Tasks to Accomplish Goals

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Additional Related Tasks:

1. *Assist in the development of Assurances for the Levee Program.*
2. *Coordinate the review and approval of the Long-Term Levee Protection Plan.*
3. *Program management activities:*

Oversee the Levee Program

Prepare annual budget and schedule

Prepare and administer consultant contracts

Acquire and supervise Levee Program staff